DUKE MATHEMATICAL JOURNAL

INDEX TO VOLUME 109

BAIK, JINHO, and ERIC M. RAINS. Algebraic aspects of increasing subsequences . . 1

BAIK, JINHO, and ERIC M. RAINS. The asymptotics of monotone subsequences of involutions 205

BUZZARD, KEVIN, MARK DICKINSON, NICK SHEPHERD-BARRON, and RICHARD TAYLOR. On icosahedral Artin representations 283

CORNEA, OCTAVIAN. Homotopical dynamics, III: Real singularities and Hamiltonian flows 183

DICKINSON, MARK. On the modularity of certain 2-adic Galois representations . 319

DICKINSON, MARK, KEVIN BUZZARD, NICK SHEPHERD-BARRON, and RICHARD TAYLOR. On icosahedral Artin representations 283

ELKIES, NOAM D., and BENEDICT H. GROSS. Cubic rings and the exceptional Jordan algebra 383

ELLENBERG, JORDAN S., and CHRIS SKINNER. On the modularity of $\mathbb{Q}$-curves . . 97

GINZBURG, VICTOR. The global nilpotent variety is Lagrangian 511

GRAHAM, WILLIAM. Positivity in equivariant Schubert calculus 599

GRIGOR'YAN, ALEXANDER, and ANDRAS TELCS. Sub-Gaussian estimates of heat kernels on infinite graphs 451

GROSS, BENEDICT H., and NOAM D. ELKIES. Cubic rings and the exceptional Jordan algebra 383

KLOPP, FRÉDÉRIC. Correction to: "Internal Lifshits tails for random perturbations of periodic Schrödinger operators" 411

KRICK, TERESA, LUIS MIGUEL PARDO, and MARTÍN SOMBRA. Sharp estimates for the arithmetic Nullstellensatz 521

MENNICKEN, R., A. L. SAKHNOVICH, and C. TRETTER. Direct and inverse spectral problem for a system of differential equations depending rationally on the spectral parameter 413

PARDO, LUIS MIGUEL, TERESA KRICK, and MARTÍN SOMBRA. Sharp estimates for the arithmetic Nullstellensatz 521

POLISHCHUK, A. and M. ROTHSTEIN. Fourier transform for D-algebras, I 123

PRASAD, DIPENDRA. On a conjecture of Jacquet about distinguished representations of GL(n) 67

RAINS, ERIC M., and JINHO BAIK. Algebraic aspects of increasing subsequences . . 1

RAINS, ERIC M., and JINHO BAIK. The asymptotics of monotone subsequences of involutions 205

ROTHSTEIN, M., and A. POLISHCHUK. Fourier transform for D-algebras, I 123

RUBINSTEIN, MICHAEL. Low-lying zeros of L-functions and random matrix theory 147

SAKHNOVICH, A. L., R. MENNICKEN, and C. TRETTER. Direct and inverse spectral problem for a system of differential equations depending rationally on the spectral parameter 413

SHEPHERD-BARRON, NICK, KEVIN BUZZARD, MARK DICKINSON, and RICHARD TAYLOR. On icosahedral Artin representations 283

SKINNER, CHRIS, and JORDAN S. ELLENBERG. On the modularity of $\mathbb{Q}$-curves . . 97

SOMBRA, MARTÍN, TERESA KRICK, and LUIS MIGUEL PARDO. Sharp estimates for the arithmetic Nullstellensatz 521

TAYLOR, RICHARD, KEVIN BUZZARD, MARK DICKINSON, and NICK SHEPHERD-BARRON. On icosahedral Artin representations 283

TELCS, ANDRAS, and ALEXANDER GRIGOR'YAN. Sub-Gaussian estimates of heat kernels on infinite graphs 451

TRETTER, C., R. MENNICKEN, and A. L. SAKHNOVICH. Direct and inverse spectral problem for a system of differential equations depending rationally on the spectral parameter 413

ZINK, THOMAS. On the slope filtration 79